

into at least two layers in the axial direction of the tube, sequentially with said plural kinds of catalysts in such a manner that the catalytic activity increases from the starting gas inlet side toward the outlet side.

2. A process according to Claim 1, in which the number of reaction zones is 2 or 3.

3. A process according to Claim 1 or 2, in which a starting gas whose propylene concentration is at least 9 volume % is introduced.